

AMENDMENTS TO THE CLAIMS

Claims 1-28 (canceled)

29. (previously presented): A method to identify a biological sample that exhibits dysregulated cellular growth comprising:

determining the level of 20P2H8 gene (SEQ ID NO: 1) expression in a test biological sample;

providing the level of 20P2H8 gene (SEQ ID NO: 1) expression in a normal sample of the same tissue type as the biological sample;

comparing the level of 20P2H8 gene (SEQ ID NO: 1) expression in the biological sample to the level of 20P2H8 gene (SEQ ID NO: 1) expression in a normal sample, wherein an increase in the level of 20P2H8 gene (SEQ ID NO: 1) expression in the test sample as compared to the normal sample identifies the test sample as exhibiting dysregulated cellular growth.

30. (previously presented): A method of identifying the presence of a neoplasm in a biological sample comprising:

(a) determining a level of 20P2H8 gene (SEQ ID NO: 1) expression in a test biological sample; and

(b) comparing the level of 20P2H8 gene (SEQ ID NO: 1) expression in the test biological sample to a level of 20P2H8 gene expression found in a normal biological sample of the same tissue type as the test biological sample,

wherein an increase in the level of 20P2H8 gene (SEQ ID NO: 1) expression in the test biological sample relative to the normal biological sample identifies the presence of the neoplasm.

31. (canceled)

32. (previously presented): A method of diagnosing the presence of cancer in an individual comprising:

(a) determining the level of 20P2H8 gene (SEQ ID NO: 1) expression in a test sample obtained from the individual; and

(b) comparing the level so determined to the level of 20P2H8 gene (SEQ ID NO: 1) expression in a known normal tissue sample of the same tissue type as the test sample,

wherein elevated 20P2H8 gene (SEQ ID NO: 1) expression in the test sample relative to the normal tissue sample is diagnostic of the presence of cancer.

Claims 33-43 (canceled)

44. (previously presented): The method of claim 29, wherein the level of 20P2H8 gene expression is determined by determining the level of 20P2H8 mRNA or by determining the level of 20P2H8 protein in said samples.

45. (previously presented): The method of claim 44, wherein the level of 20P2H8 gene expression is determined by determining the level of 20P2H8 mRNA.

46. (withdrawn): The method of claim 44, wherein the level of 20P2H8 gene expression is determined by measuring the level of 20P2H8 protein.

47. (withdrawn): The method of claim 46, wherein the level of said protein is determined by contacting the samples with an antibody or fragment thereof immunoreactive with 20P2H8 protein.

48. (withdrawn): The method of claim 47, wherein said antibody is a polyclonal antibody.

49. (withdrawn): The method of claim 47, wherein said antibody is a monoclonal antibody.

50. (previously presented): The method of claim 30, wherein the level of 20P2H8 gene expression is determined by determining the level of 20P2H8 mRNA or by determining the level of 20P2H8 protein in said samples.

51. (previously presented): The method of claim 50, wherein the level of 20P2H8 gene expression is determined by determining the level of 20P2H8 mRNA.

52. (withdrawn): The method of claim 50, wherein the level of 20P2H8 gene expression is determined by measuring the level of 20P2H8 protein.

53. (withdrawn): The method of claim 52, wherein the level of said protein is determined by contacting the samples with an antibody or fragment thereof immunoreactive with 20P2H8 protein.

54. (withdrawn): The method of claim 53, wherein said antibody is a polyclonal antibody.

55. (withdrawn): The method of claim 53, wherein said antibody is a monoclonal antibody.

56. (previously presented): The method of claim 32, wherein the level of 20P2H8 gene expression is determined by determining the level of 20P2H8 mRNA or by determining the level of 20P2H8 protein in said samples.

57. (previously presented): The method of claim 56, wherein the level of 20P2H8 gene expression is determined by determining the level of 20P2H8 mRNA.

58. (withdrawn): The method of claim 56, wherein the level of 20P2H8 gene expression is determined by measuring the level of 20P2H8 protein.

59. (withdrawn): The method of claim 58, wherein the level of said protein is determined by contacting the samples with an antibody or fragment thereof immunoreactive with 20P2H8 protein.

60. (withdrawn): The method of claim 59, wherein said antibody is a polyclonal antibody.

61. (withdrawn): The method of claim 59, wherein said antibody is a monoclonal antibody.

62. (new): The method of claim 29, wherein the 20P2H8 gene expression is determined utilizing SEQ ID NO:1 as a probe.

63. (new): The method of claim 30, wherein the 20P2H8 gene expression is determined utilizing SEQ ID NO:1 as a probe.

64. (new): The method of claim 32, wherein the 20P2H8 gene expression is determined utilizing SEQ ID NO:1 as a probe.